AGENDA

Day 1: March 22, 2016

8:00 – 9:00 a.m.  Registration

9:00 – 9:30 a.m.  Welcome
Nora D. Volkow, M.D., Director
National Institute on Drug Abuse (NIDA)

Walter J. Koroshetz, M.D., Director
National Institute of Neurological Disorders and Stroke (NINDS)

9:30 – 11:00 a.m.  Understanding the Endocannabinoid System
Co-moderators:
David Shurtleff, Ph.D.
National Center for Complementary and Integrative Health (NCCIH)

Aidan Hampson, Ph.D.
NIDA

Speakers:
The Endocannabinoid System – An Introduction
Benjamin Cravatt, Ph.D.
The Scripps Research Institute

Cannabinoid Receptors: Where They Are and What They Do
Ken Mackie, M.D.
Indiana University

Therapeutic Potential of the Cannabinoid System
Daniele Piomelli, Ph.D.
University of California, Irvine

11:00 – 11:15 a.m.  Break

Tweet your questions using the hashtag: #MJNeuroSummit
11:15 a.m. – 12:45 p.m.  
**Brain Development and Function**  
**Moderator:**  
Steven Grant, Ph.D.  
NIDA  

**Speakers:**  
Kent Hutchinson, Ph.D.  
University of Colorado Bolder  

*Brain Development and Function: Adolescent Marijuana use: Influence on Learning, Memory and Brain Changes*  
Susan Tapert, Ph.D.  
University of California, San Diego  

*Cannabis Use and Cognitive Impairment*  
Madeline Meier, Ph.D.  
Arizona State University  

12:45 – 2:00 p.m.  
**Scientific Poster Session**  
*Lunch on Your Own*  

2:00 – 2:10 p.m.  
**Office of National Drug Control Policy Remarks**  
Michael Botticelli, Director of National Drug Control Policy  
Office of National Drug Control Policy (ONDCP)  

2:10 – 2:15 p.m.  
**Summit Sponsor Remarks**  
Peggy Murray, Ph.D.  
National Institute on Alcohol Abuse and Alcoholism (NIAAA)  

2:15 – 3:45 p.m.  
**Psychosis, Addiction, and Alcohol Interactions**  
**Co-moderators:**  
David Goldman, M.D.  
NIAAA  

Wilson M. Compton, M.D., M.P.E.  
NIDA  

**Speakers:**  
*The Association Between Cannabis Use and Psychosis: Clinical, Epidemiological, and Neuroscience Perspectives*  
Anne Eden Evins, M.D., M.P.H.  
Massachusetts General Hospital  

*Addiction to Cannabis Phenomenology, Prevalence, Outcomes & Probability*  
Alan Budney, Ph.D.  
Geisel School of Medicine at Dartmouth  

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Marijuana and Alcohol Interactions: Co-morbidity, Consequences and Mechanisms
Loren Parsons, Ph.D.
The Scripps Research Institute

3:45 – 4:00 p.m.  
Break

4:00 – 5:30 p.m.  
Therapeutic Potential: Epilepsy and Multiple Sclerosis
Moderator:
Alan L. Willard, Ph.D.
NINDS

Speakers:
Mechanisms of Cannabinoid Signaling in Epilepsy
Ivan Soltesz, Ph.D.
Stanford University

Cannabinoids for Treatment of Pediatric Epilepsy: The Hype and the Evidence
Amy Brooks-Kayal, M.D.
Children's Hospital Colorado

Multiple Sclerosis and Cannabinoids: Therapeutic Potential
David Gloss, M.D., M.P.H.
Charleston Area Medical Center

5:30 p.m.  
Adjournment

Day 2: March 23, 2016

9:00 – 9:15 a.m.  
Welcome and National Institutes of Health (NIH) Director Remarks

Nora D. Volkow, M.D., Director
NIDA

Francis S. Collins, M.D., Ph.D., Director
NIH

9:15 – 9:45 a.m.  
Psychomotor Performance and Detection
Moderator:
Steven Gust, Ph.D.
NIDA

Speaker:
Effects of Cannabis on Human Psychomotor Performance
Marilyn Huestis, Ph.D.
University of Maryland School of Medicine

9:45 – 11:45 a.m.  
Therapeutic Potential: Pain and PTSD/Anxiety
Co-moderators:
John Williamson, Ph.D.
NCCIH

Tweet your questions using the hashtag: #MJNeuroSummit
Susan Borja, Ph.D.
National Institute of Mental Health (NIMH)

Speakers:
Harnessing the Therapeutic Potential of the Endocannabinoid Signaling System to Suppress Pain
Andrea Hohmann, Ph.D.
Indiana University

The Therapeutic Potential of Cannabis in the Treatment of Neuropathic Pain
Barth Wilsey, M.D.
University of California, San Diego

Cannabinoids and the Processing of Fear and Anxiety: Preclinical Studies
Cecilia Hillard, Ph.D.
Medical College of Wisconsin

What is the Therapeutic Potential of Cannabis in PTSD & Anxiety Disorder Treatment?: Evidence from Human Studies
Christine Rabinak, Ph.D.
Wayne State University

11:45 a.m. – 1:00 p.m.  Scientific Poster Session
Lunch on Your Own

1:00 – 1:15 p.m.  Summit Sponsor Remarks
Bruce Cuthbert, Ph.D., Acting Director
NIMH

Josephine P. Briggs, M.D., Director
NCCIH

1:15 – 3:15 p.m.  Policy Research: Challenges and Future Directions
Co-moderators:
Susan Weiss, Ph.D.
NIDA

Michael Hilton, Ph.D.
NIAAA

Speakers:
A Cannabis Research Agenda for Policy Design: What Do We Need to Know?
Mark Kleiman, Ph.D.
NYU Marron Institute of Urban Management
BOTEC Analysis Corporation

The Effects of Liberalizing Marijuana Policies on Use & Harms: Why Research Has Not Told Us Much
Rosalie Pacula, Ph.D.

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Regulating Retail Marijuana: Lessons Learned from Tobacco Control
Stanton Glantz, Ph.D.
University of California, San Francisco

Recreational Use of Cannabis to be Included in Alcohol Policy Information System
Michael Hilton, Ph.D.
NIAAA

3:15 – 4:00 p.m.  Concluding Remarks
Robert M. Califf, M.D., Commissioner of Food and Drugs
U.S. Food and Drug Administration

Nora D. Volkow, M.D., Director
NIDA

4:00 p.m.  Adjournment

Tweet your questions using the hashtag: #MJNeuroSummit

Please scan QR code for more information and the meeting website or visit:
http://apps1.seiservices.com/nih/mj/2016/